

Draft STAR Commissioning Schedule

Version 1.0, December 28, 2005.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
January 1	2	3 Complete SGIS wiring changes	4 SGIS Checkout begins	5	6 DAQ & Run Control Ready for use	7
8 Blair returns	9 LN2 Cooldown starts SGIS trips checked with Sub Systems Beam Pipe Bakeout begins	10	11	12	13	14
15 Trigger Ready for Sub system use	16 AGS Cold Snake Comm. Begins TPC Setup & Test starts	17 FPD WN Work begins	18 Shield Wall assembled	19	20	21 Ar purge of TPC
22 P-10 purge of TPC	23 RHIC Dry Run begins TPC Gas Test begins	24	25 Gas test ends	26 Install West Poletip	27 EEMC Sect. 6 work begins	28
29	30 East Poletip installed	31 BBCs installed	February 1 He cooldown of Blue ring begins	2	3 FPD NW stacking done	4
5	6 Blue Ring Cold Magnet Testing, Day Shifts	7	8	9	10	11

February 13th, Both RHIC Rings at 4 K.

Comments on STAR Run Plan for “18” week RHIC Run

Presented at January 3, 2006 RHIC Coordination meeting.

W.B. Christie

Caveat: We haven't yet discussed this exact question yet within STAR. However, what I state below as the likely outcome of this discussion in STAR is consistent with the STAR FY06 Run Beam Use Request.

Premise: An 18 week RHIC (Cryo) run means ~ 13 weeks of Physics running.
18 weeks – 2 wk cooldown – 1 wk warm up – 1 wk setup – 1 wk rampup = 13 weeks

STAR run request is for polarized pp beams, at $\sqrt{s} = 200$ GeV, for all Physics running.

The exact breakdown of time, and order, of transverse and longitudinally polarized beams is to be decided.

STAR also will support a limited period of 500 GeV Collider Commissioning. Limited meaning sufficient to confirm work that was done since last 500 GeV commissioning (ring re-alignment), and make next step forward. Hopefully this means something on the order of 2 to 3 days.